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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Shafer, David

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FILED: January 16, 2001

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SERIAL NO.: 09/744,097

FOR: Methods for Detecting and Mapping
Genes, Mutations and Variant
Polynucleotide Sequences

EXAMINER:

DOCKET:
D6429

The Honorable Commissioner of Patents

BOX PCT

Washington, D.C. 20231

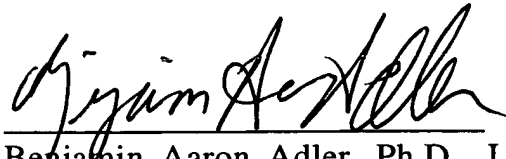
COMPLIANCE OF REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE
DISCLOSURES

Dear Sir:

Applicant provides a computer readable form of the Sequence Listing on the enclosed 3.5 inch disk and a paper copy thereof for the above-referenced application. The disk is a 1.44 Mb Dos-formatted disk. The file is stored as D6429SEQ in text format. I hereby state that the content of the paper copy of the Sequence Listing filed as part of the above-captioned application and the enclosed computer readable copy of the Sequence Listing are the same.

Respectfully submitted,

Date: Oct 30, 2001
ADLER & ASSOCIATES
8011 Candle Lane
Houston, Texas 77071
(713) 270-5391
BADLER1@houston.rr.com


Benjamin Aaron Adler, Ph.D., J.D.
Counsel for Applicant
Registration No. 35,423

WO 00/04192

PCT/US99/16242

SEQUENCE LISTING

<110> Shafer Ph.D., David A.

<120> Methods for Detecting and Mapping Genes, Mutations and
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<141> 1999-07-16

<150> US 60/093,219

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12

<210> 114

<211> 12

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12

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12

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12

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12

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gtacgtatt ac

12

<210> 122

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ctagctacct ag

12

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12

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gtacgtaact ag

12

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12

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12

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27

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ctacctatct ac

12

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ctacctatct ac

12

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12

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12

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12

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12

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12

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12

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12

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ctagctacct ag

12

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ctatctagta cg

12

<210> 140
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<400> 140
ctatctagta cg

12

<210> 141
<211> 12
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<220>

<223> Green set third linker D

<400> 141

ctatctagta cg

12

<210> 142

<211> 12

<212> DNA

<213> Artificial Sequence

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ctatctagta cg

12

<210> 143

<211> 71

<212> DNA

<213> Artificial Sequence

<220>

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<400> 143

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60

tagataggta g

71

<210> 144

<211> 41

<212> DNA

<213> Artificial Sequence

<220>

<223> Sense overlap oligomer

<400> 144

ctacgatacg ataggggtaa gagtagtttc tacctatcta c

41

<210> 145

<211> 72

<212> DNA

<213> Artificial Sequence

<220>

<223> Anti-sense target oligomer

<400> 145

gcctagacct aggggtagct aggctacttt taaaagccgc tgcctccctg ttgtctgtt
gtagataggt ag

60

72

<210> 146

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Anti-sense overlap oligomer

<400> 146

gcctagacct aggggtagct aggctacttt ctacctatct ac

42

<210> 147

<211> 12

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Green set
oligo-TAG

<400> 147

cgtactagat ag

12